Sameer Khadka

Web App / Full Stack Developer

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Recent B.Sc. in Computing graduate with strong foundations in full-stack development using MERN stack technologies. Demonstrated ability to build responsive web applications and manage complex projects from conception to deployment. Seeking an entry-level software developer position where I can leverage my technical skills to contribute to innovative solutions and grow professionally.

EDUCATION

May 2021 - August 2024
IIMS College, Dhobidhara, Kathmandu - Bachelor of Computer Science (Honours)

Relevant Coursework: Web Development, Database Management, Software Engineering, Networking, SDLC Methodology

2018 - 2020
St. Lawrence College, Chabihel, Kathmandu - Higher Secondary Education (Science-Physics)

TECHNICAL SKILLS

Frontend: React.js, Next.js, HTML, CSS, JavaScript, Tailwind CSS, Framer Motion
Backend: Node.js, Express.js, RESTful APIs, Docker, Vercel, Linux Server
Database: MongoDB, MySQL
Tools & Version Control: Git, GitHub
UI Frameworks: Shadcn/ui, Material UI

SOFT SKILLS

Strong Communication: Clearly expressing ideas, both verbally and in writing
Problem-Solving: Identifying issues, analyzing options, and implementing solutions
Learning and Adapting: Learn new things and explore different concepts
Time Management: Prioritizing tasks effectively to meet deadlines
Emotional Intelligence: Maintaining professionalism and calm under pressure
Teamwork and Collaboration: Working efficiently with others to achieve shared goals
Critical Thinking: Evaluating situations logically and making informed decisions
Leadership (Even in Non-Leadership Roles): Taking initiative in group settings

PROJECTS

Home Server and NAS(Network-Attached Storage)

- Built a home server and NAS using Linux based server OS Ubuntu/Debian
- For Network-Attached Storage used CasaOS on top of Ubuntu server
- Used Plex as Media Server to watch and stream Videos and Movies
- To access from anywhere used TailScale and WireGuard
  Technologies: Ubuntu, CasaOS, TailScale, Plex, WireGuard

Self-Hosted Private AI Model (Using OLLAMA and DEEPSEEK - R1)

- Built a Private AI Model using ollama and deepseek-r1 with 8b parameters.
- Can be used in terminal or web browser in offline mode
- Open WebUI is used to lunch it on any browser make user friendly and easy and readable code format
- Docker is used to host Open WebUI locally and manage containers and Images
  Technologies: OLLAMA, Deepseek-R1: 8B , Open WebUI, Docker

Full-Stack E-commerce Platform

- Developed a e-commerce website using Next.js, Express.js, and MongoDB
- Implemented user authentication, product management, and Search functionality
- Utilized responsive design principles for optimal user experience across devices
  Technologies: Next.js, Express.js, Node.js, MongoDB and Vercel for Hosting

Classroom Management System
- Built a system for managing educational resources and student information
- Implemented role-based access control for administrators, teachers, and students
- Created RESTful APIs with MongoD Atlas for seamless data management
  Technologies: Next.js, Express.js, Node.js, MongoDB

Portfolio Website
- Designed and developed a personal portfolio using latest web technologies
- Implemented smooth animations and transitions using Framer Motion
- Created reusable components with shadcn/ui and Tailwind CSS
  Technologies: Next.js, Framer Motion, Tailwind CSS and Vercel for Hosting

ACHIEVEMENTS

- MERN Stack Developer Certification - Mindrisers Institute of Technology
- HackerRank Javascript Certification - HackerRank
- Runner-up in UI/UX Design Competition - IIMS College
- Best Computer Science Student / Group Project Award - St. Lawrence College